

Patent
Case No.: 59388US002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: JOHNSTON, RAYMOND P.
Application No.: 10/712529 Group Art Unit: 1772
Filed: November 13, 2003 Examiner: Unknown
Title: MICROSTRUCTURED SURFACE BUILDING ASSEMBLIES FOR FLUID
DISPOSITION

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

<u>CERTIFICATE OF MAILING</u>	
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:	
<u>April 1, 2004</u> Date	<u>Shannon M. Bruce</u> Signed by:

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. Copies of any cited foreign patents, non-patent literature, and unpublished US application documents are enclosed. Pursuant to the waiver in the Pre-OG Notice, dated July 11, 2003, copies of US patents and published US patent applications are no longer required and are not enclosed. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

If a first Office Action on the merits has been mailed prior to the mailing date of this document, please charge the fee for consideration of an Information Disclosure Statement set forth in 37 CFR § 1.17(p), and if necessary, please charge any additional fees, or credit any overpayment to Deposit Account No. 13-3723.

Respectfully submitted,

April 1, 2004
Date

By: Cofene H. Blank
Cofene H. Blank, Reg. No.: 41,056
Telephone No.: (651) 737-2356

Office of Intellectual Property Counsel
3M Innovative Properties Company
Facsimile No.: 651-736-3833

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Filing Date

November 13, 2003

First Named Inventor

Johnston, Raymond P.

Art Unit

1772

Examiner Name

Unknown

Attorney Case Number

59388US002

(Use as many sheets as necessary)

Page 1 of 4

U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A1	US- 2,576,698	11/27/1951	Russum	
	A2	US- 2,915,554	12/01/1959	Ahlbrecht et al.	
	A3	US- RE 24,906	12/13/1960	Ulrich	
	A4	US- 3,384,154	05/21/1968	Milton	
	A5	US- 3,395,903	08/06/1968	Norback et al.	
	A6	US- 3,415,502	12/10/1968	Munters	
	A7	US- 3,455,376	07/15/1969	Beurtheret	
	A8	US- 3,500,615	03/17/1970	Meek	
	A9	US- 3,520,300	07/14/1970	Flower, Jr.	
	A10	US- 3,792,841	02/19/1974	Munters	
	A11	US- 4,310,509	01/12/1982	Berglund et al.	
	A12	US- 4,323,557	04/06/1982	Rosso et al.	
	A13	US- 4,472,480	09/18/1984	Olson	
	A14	US- 4,533,352	08/06/1985	Van Beek et al.	
	A15	US- 4,567,085	01/28/1986	Gey et al.	
	A16	US- 4,679,590	07/14/1987	Hergenroeder	
	A17	US- 4,747,166	05/31/1988	Kuntz	
	A18	US- 4,917,933	04/17/1990	Schluter	
	A19	US- 4,945,697	08/07/1990	Ott et al.	
	A20	US- 4,986,496	01/22/1991	Marentic et al.	
	A21	US- 5,055,239	10/08/1991	Thomas	
	A22	US- 5,069,403	12/03/1991	Marentic et al.	
	A23	US- 5,158,557	10/27/1992	Noreen et al.	
	A24	US- 5,349,965	09/27/1994	McCarver	
	A25	US- 5,437,651	08/01/1995	Todd et al.	
	A26	US- 5,514,120	05/07/1996	Johnston et al.	
	A27	US- 5,585,186	12/17/1996	Scholz et al.	
	A28	US- 5,606,201	02/25/1997	Lutz	

*Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Filing Date

November 13, 2003

First Named Inventor

Johnston, Raymond P.

Art Unit

1772

Examiner Name

Unknown

Attorney Case Number

59388US002

(Use as many sheets as necessary)

Page 2 of 4

U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A29	US- 5,628,735	05/13/1997	Skow	
	A30	US- 5,631,057	05/20/1997	Sundet	
	A31	US- 5,648,145	07/15/1997	Martin	
	A32	US- 5,728,446	03/17/1998	Johnston et al.	
	A33	US- 5,753,373	05/19/1998	Scholz et al.	
	A34	US- 5,759,659	06/02/1998	Sanocki et al.	
	A35	US- 5,804,610	09/08/1998	Hamer et al.	
	A36	US- 5,811,035	09/22/1998	Mockry	
	A37	US- 5,815,995	10/06/1998	Adam	
	A38	US- 5,827,246	10/27/1998	Bowen	
	A39	US- 5,840,407	11/24/1998	Futhey et al.	
	A40	US- 5,932,298	08/03/1999	Moon	
	A41	US- 6,080,243	06/27/2000	Insley et al.	
	A42	US- 6,103,152	08/15/2000	Gehlsen et al.	
	A43	US- 6,290,685 B1	09/18/2001	Insley et al.	
	A44	US- 2002-0011330 A1	01/31/2002	Insley et al.	
	A45	US- 6,355,333 B1	03/12/2002	Waggoner et al.	
	A46	US- 6,375,871 B1	04/23/2002	Bentsen et al.	
	A47	US- 6,410,118 B1	06/25/2002	Reicherts et al.	
	A48	US- 6,431,695 B1	08/13/2002	Johnston et al.	
	A49	US- 2002-0155243 A1	10/24/2002	Kobe et al.	
	A50	US- 2002-0164446 A1	11/07/2002	Zhou et al.	
	A51	US- 6,514,412 B1	02/04/2003	Insley et al.	
	A52	US- 6,525,488 B2	02/25/2003	Nerone et al.	
	A53	US- 6,531,206 B2	03/11/2003	Johnson et al.	
	A54	US- 2003-0170443 A1	09/11/2003	Kobe et al.	
	A55	US- 2003-0175497 A1	09/18/2003	Kobe et al.	
	A56	US- 2003-0190464 A1	10/09/2003	Narum et al.	

*Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Filing Date

November 13, 2003

First Named Inventor

Johnston, Raymond P.

Art Unit

1772

Examiner Name

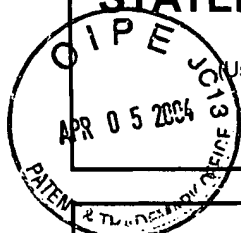
Unknown

Attorney Case Number

59388US002

Use as many sheets as necessary)

Page 3 of 4



U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A57	US- 6,696,286	02/24/2004	Halverson et al.	

Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (If known)				
	B1	DE	40 03 875 A	08/14/1991			
	B2	EP	0 145 867 A2	06/1985			
	B3	EP	0 275 454 A	07/27/1988			
	B4	EP	0 819 908 A2	01/1998			
	B5	JP	03 282085 (abstract)	12/12/1991			
	B6	WO	91/11252	08/1991			
	B7	WO	93/11727	06/1993			
	B8	WO	96/04123	02/1996			
	B9	WO	97/23571	07/1997			
	B10	WO	99/06589	02/1999			
	B11	WO	99/28128	06/10/1999			
	B12	WO	99/65542	12/1999			
	B13	WO	99/65593	12/23/1999			
	B14	WO	99/65595	12/23/1999			
	B15	WO	99/65664	12/1999			
	B16	WO	99/65704	12/23/1999			
	B17	WO	99/66282	12/23/1999			
	B18	WO	00/42958 A1	07/2000			
	B19	WO	01/02093	01/11/2001			
	B20	WO	01/57152 A2	08/09/2001			
	B21	WO	02/32663 A1	04/25/2002			

*Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO (modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

APR 05 2004
(Use as many sheets as necessary)

Page 4 of 4

Application Number

10/712529

Filing Date

November 13, 2003

First Named Inventor

Johnston, Raymond P.

Art Unit

1772

Examiner Name

Unknown

Attorney Case Number

59388US002

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	3M Fluid Transport Products; FT-7000, FT-7000S; Technical Data Sheet; 2 pages.
	C2	3M Ceramic Textiles and Composites; Blankets for Aircraft Firewalls; Application Bulletin.
	C3	U.S. Ser. No. 09/570785, Bommarito et al., filed May 15, 2000 (Attorney Docket No. 55529US002).

*Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement)